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Patent
Case No.: 58582US003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: Dahn, Jeffrey
Patent No.: 7556655 Application No.: 10/757645
Dated: 07-JUL-2009 Confirmation No. 3942
Title: METHOD OF PRODUCING LITHIUM ION CATHODE MATERIALS

REQUEST FOR CERTIFICATE OF CORRECTION UNDER 37 CFR § 1.322 AND 1.323

Commissioner for Patents
Office of Publication
Attn: Certificate of Correction Branch
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR § 1.8(a)]
I hereby certify that this correspondence is being:
☒ transmitted to United States Patent and Trademark Office on the date shown
below via the Office electronic filing system.

July 28, 2010 /Kathleen M. Sandvig/
Date Signed by: Kathleen M. Sandvig

Dear Sir:

It is respectfully requested that a Certificate of Correction be issued in connection with the above-identified patent. The required text is submitted on the attached form.

The errors are attributable to both the Applicant(s) and the Patent and Trademark Office.

Fees

- ☒ Any required fee will be made at the time of submission via EFS-Web. In the event fees are not or cannot be paid at the time of EFS-Web submission, please charge any fees under 37 CFR § 1.20(a) which may be required to Deposit Account No. 13-3723.
- ☐ Please charge any fees under 37 CFR §§ 1.20(a), 1.16 and 1.17 which may be required to Deposit Account No. 13-3723.
- ☒ Please charge any additional fees associated with the prosecution of this application to Deposit Account No. 13-3723. This authorization includes the fee for any necessary extension of time under 37 CFR § 1.136(a). To the extent any such extension should become necessary, it is hereby requested.
- ☒ Please credit any overpayment to the same deposit account.

Respectfully submitted,

26-July-2010

Date

Office of Intellectual Property Counsel
3M Innovative Properties Company
Facsimile No.: 651-736-3833

By: /Stephen F. Wolf/

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CERTIFICATE OF CORRECTION

Page 1 of 3

PATENT NO.: 7556655
DATED: 07-JUL-2009
FIRST NAMED INVENTOR: Dahn, Jeffrey

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Page 2, Column 2,

Line 4, Item [56], **References Cited**, OTHER PUBLICATIONS, delete "Electrical" and insert --Electrochemical-- therefor.

Line 9, Item [56], **References Cited**, OTHER PUBLICATIONS, delete "Materials" and insert --Material-- therefor.

Line 10, Item [56], **References Cited**, OTHER PUBLICATIONS, delete "Electronic" and insert --Electronics-- therefor.

Drawings,

In the drawings, Sheet 4, Fig. 4a, delete "0 5" and insert --0.5-- therefor.

In the drawings, Sheet 4, Fig. 4b, delete "0 5" and insert --0.5-- therefor.

In the drawings, Sheet 4, Fig. 4b, delete "0 2" and insert --0.2-- therefor.

Column 1,

Lines 56-57, delete " $\text{Li}_{1+x}\text{Mn}_{2-x-y}\text{M}_y\text{O}_{4-z}\text{F}_z$ " and insert -- $\text{Li}_{1+x}\text{Mn}_{2-x-y}\text{M}_y\text{O}_{4-z}\text{F}_z$ -- therefor.

Column 2,

Lines 19-25, after "battery." delete "Compositions so densified exhibit a minimum reversible volumetric energy characterized by the formula $[1833-333x]$ measured in Wh/L, wherein x is as previously defined, and wherein the densified compound is substantially free of F. Preferably x has a value in the range of 0.05 to 0.45 and y has a value in the range of 1.0 to 1.1." and insert the same on Line 20 as a new paragraph.

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PATENT NO. 7556655

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to 0.45 and y has a value in the range of 1.0 to 1.1." and insert the same on Line 20 as a new paragraph.

Line 37, delete " $\text{Li}[\text{Ni}_x\text{Co}_{1-2x}\text{Mn}_x]\text{O}_2$ " and insert $\text{--Li}_y[\text{Ni}_x\text{Co}_{1-2x}\text{Mn}_x]\text{O}_2\text{--}$ therefor.

Column 4.

Line 33, delete " $\text{Li}(\text{OH})\cdot\text{H}_2\text{O}$ " and insert $\text{--Li}(\text{OH})\cdot\text{H}_2\text{O--}$ therefor.

Line 48, delete " $\text{Li}(\text{OH})\cdot\text{H}_2\text{O}$ " and insert $\text{--Li}(\text{OH})\cdot\text{H}_2\text{O--}$ therefor.

Line 50, Delete " $\text{CoSO}_4\cdot 7\text{H}_2\text{O}$ " and insert $\text{--CoSO}_4\cdot 7\text{H}_2\text{O--}$ therefor.

Line 51, delete " $\text{NiSO}_4\cdot 6\text{H}_2\text{O}$ " and insert $\text{--NiSO}_4\cdot 6\text{H}_2\text{O--}$ therefor.

Line 52, delete " $\text{MnSO}_4\cdot\text{H}_2\text{O}$ " and insert $\text{--MnSO}_4\cdot\text{H}_2\text{O--}$ therefor.

Line 63, delete " $\text{Li}(\text{OH})\cdot\text{H}_2\text{O}$ " and insert $\text{--Li}(\text{OH})\cdot\text{H}_2\text{O--}$ therefor.

Columns 4 and 5.

Lines 67 and 1 (respectively), delete " $(\text{CoSO}_4\cdot 7\text{H}_2\text{O}, \text{NiSO}_4\cdot 6\text{H}_2\text{O}$ and $\text{MnSO}_4\cdot\text{H}_2\text{O})$ " and insert $\text{--}(\text{CoSO}_4\cdot 7\text{H}_2\text{O}, \text{NiSO}_4\cdot 6\text{H}_2\text{O}$ and $\text{MnSO}_4\cdot\text{H}_2\text{O})\text{--}$ therefor.

Column 5.

Line 14, delete " $\text{Li}(\text{OH})\cdot\text{H}_2\text{O}$ " and insert $\text{--Li}(\text{OH})\cdot\text{H}_2\text{O--}$ therefor.

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Column 6.

Line 30, delete "ethylenecarbonate-diethylcarbonate" and insert --ethylenecarbonate-diethylcarbonate-- therefor.

Column 9.

Line 28, Claim 1, after "a" delete "sufficiently dense".

Line 29, Claim 1, delete " $\text{Li}_y[\text{Ni}_x\text{Co}_{1-2}\text{Mn}_x]\text{O}_2$ " and insert -- $\text{Li}_y[\text{Ni}_x\text{Co}_{1-2x}\text{Mn}_x]\text{O}_2$ -- therefor.

Line 30, Claim 1, delete " 3.5 g/m^3 " and insert -- 3.5 g/cm^3 -- therefor.

Column 10.

Line 7, Claim 2, after "least" delete "about".

Line 9, Claim 3, after "least" delete "about".

Line 11, Claim 4, after "least" delete "about".

Line 13, Claim 5, after "is" delete "about" and insert --greater than-- therefor.

Line 16, Claim 6, delete "in the range of about" and insert --greater than-- therefor.

Line 26, Claim 9, after "least" delete "about".

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